

# JUGATE

## Jack & Knife Door



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Mitech Jack & Knife door systems are reliable solutions and robust designed specifically for busy public transportation within cities and Staff Bus and School Bus.

This Jack&Knife opening door is especially functional as a Single leaf and double leaf, as it bifold side by side the entry of passengers and enables to easy access to the vehicle with wide entrance.

JK doors can be positioned as a middle or a rear door, and BRTS depending on the customer preferences. the design and fabrication of the door for top sealing in closed condition control from the AC air leakage and noise from the vehicle.

This door is available in both a single and double leaf variant based on bus aperture dimensions in aluminum and GI Material frame, and with the option of a pneumatic or electric door mechanism.

Mitech Doors designs and manufactures Automatic Door systems for Train coaches and bus coaches over two decade Years of experience – since 2004 – and Our dedicated R&D Division is equipped with advanced machinery, Design software, Design Validation, prototyping ,accelerated life testing facility for customer Requirements. Mitech doors expertise is verified with ISO 9001:2015 quality and ISO 14001:2015 environmental certificates.

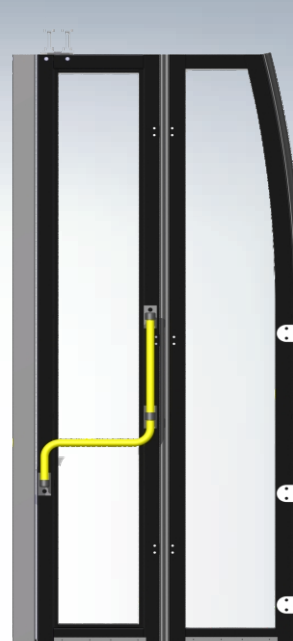
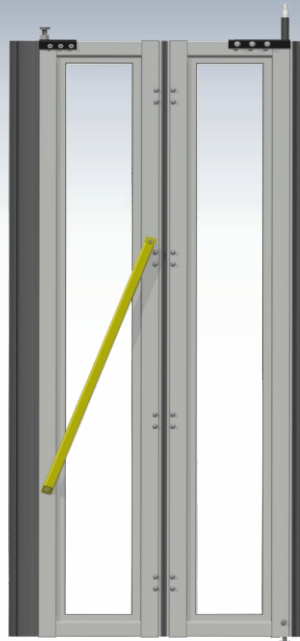
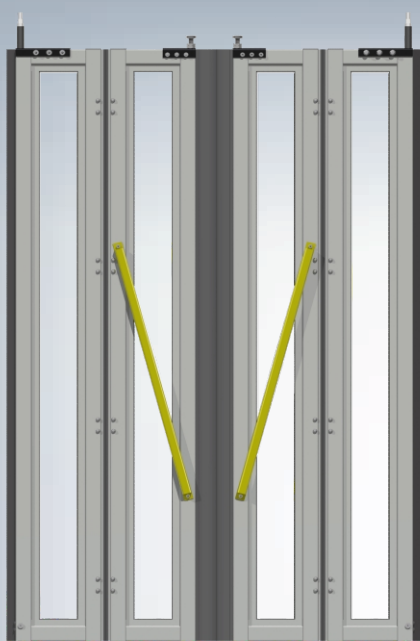




**MITECH DOORS**  
*Experience the excellence*

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Single and Double



- Aluminum Frame- 6063 - T6
- 5mm Toughened Glass
- ARAI Compliance AIS052 /A1S153
- Powder Coated frame
- EPDM Rubber Edges
- Preset 90° System Integration
- Adjustable Roller And Axis
- All Fasteners are in stainless steel
- Electrical and Pneumatic Systems 12VDC & 24 V DC
- Motor Over current Sensor
- Electro Pneumatic Sensor
- Multi eye Spot matrix sensor
- Integrated Door Logic -BIM & VMS
- Wiring Harness with Dashboard Switch
- Emergency Switches

As per the ARAI and Customize Door for Bus body aperture Dimension size

## Key Features

Product Information		Actuating Location	Systems Voltage (V)	Emergency Release type	Open /Closing	Door Logic	Features
	JUGATE-P1L	Top Mounted	Electro pneumatic 12 V / 24V	Pneumatic Auto open / Manual Open	Adjustable 2- 6 S	Bus in Motion Immovability	Electro Pneumatic Anti Pinch IR sensor *(Optional) Wiring Harness with Switch
		Bottom Mounted					
	JUGATE-E1L	Top Mounted	12 V / 24V	Auto open / Manual Open	Adjustable 2- 6 S	Bus in Motion Immovability	Controller Module IR sensor *(Optional) Wiring Harness with Switch
		Bottom Mounted					
	JUGATE-P2L	Top Mounted	Electro pneumatic 12 V / 24V	Pneumatic Auto open / Manual Open	Adjustable 2- 6 S	Bus in Motion Immovability	Electro Pneumatic Anti Pinch IR sensor *(Optional) Wiring Harness with Switch
		Bottom Mounted					
	JUGATE-E2L	Top Mounted	12 V / 24V	Auto open / Manual Open	Adjustable 2- 6 S	Bus in Motion Immovability	Controller Module IR sensor *(Optional) Wiring Harness with Switch
		Bottom Mounted					



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